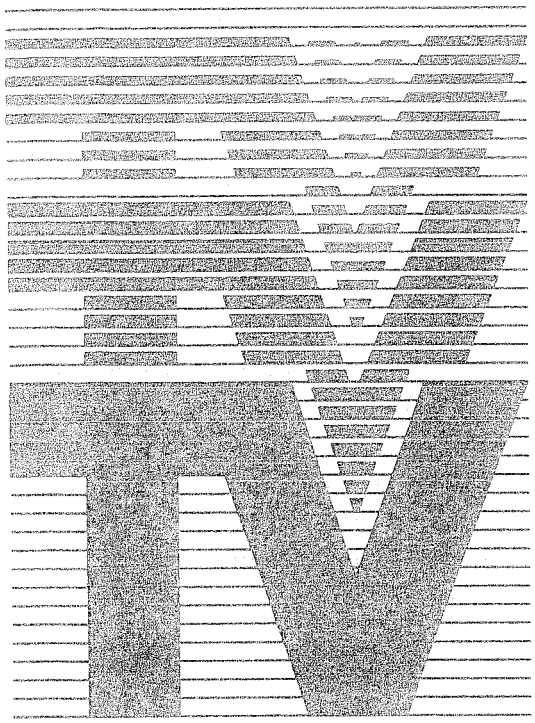


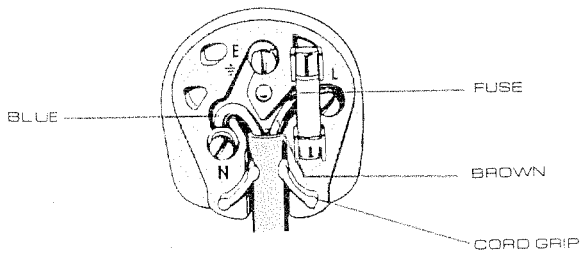
TOSHIBA
COLOUR TV
216R9B/216T9B

Welcome to the bright new world of Toshiba colour.
Your new precision built colour television has been designed and engineered by one of the world's largest manufacturers of IC's, transistors and diodes to give you an extremely reliable and natural performance.
Please read this manual and retain for future reference.

INSTALLATION

For your Safety

Important
The wires in the mains lead of this equipment should be connected as follows:



Connections to a typical 13 amp plug

BLUE to NEUTRAL — terminal marked N or coloured black.
BROWN to LIVE — terminal marked L or coloured red.

It is recommended that where a suitable socket is available, you use a plug fitted with a 5A fuse.

Where to position your Receiver

Choose a position where direct light from a lamp or window does not fall on the screen. Wherever possible out of the reach of young children.
Make sure there is adequate air circulation throught he vents on the rear cover of the receiver. Do not place the receiver close to curtains or in an enclosed shelf space.

Choosing an Aerial

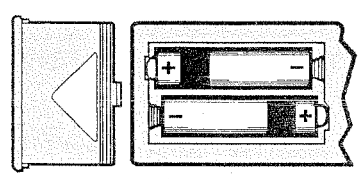
Optimum reception of colour and teletext requires a good signal and will generally mean that a loft or outdoor aerial must be used. The exact type and siting will depend upon your particular area and your local Aerial installers will be best able to advise.
Where signals permit, a set top aerial may be used by plugging into the aerial socket and rotating to obtain the best picture.

The remote control

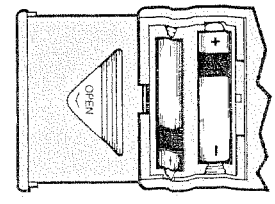
Carefully slide back cover and insert 2 batteries, taking care to observe correct polarities.

Suitable battery types are: R6 or AA or SUM-3.

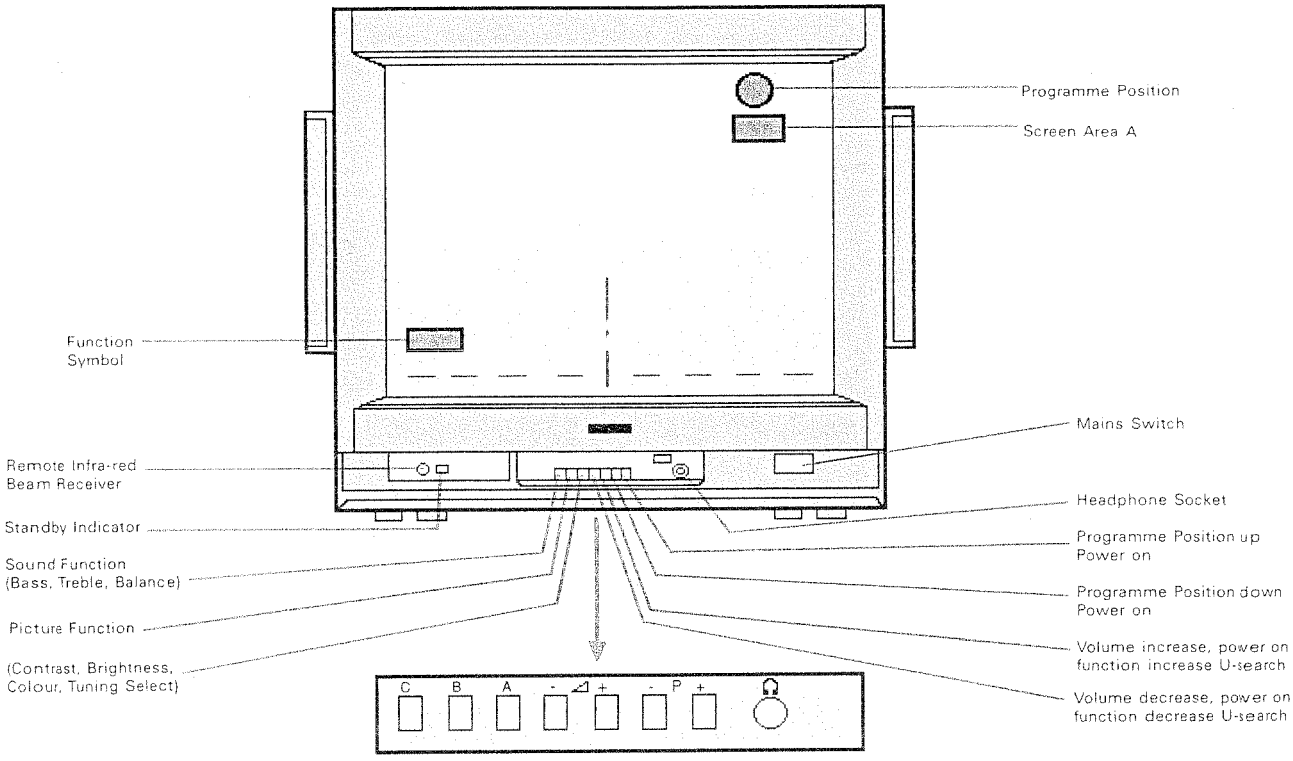
216R9B



216T9B



ADJUSTING YOUR SET


Programme Position
Screen Area A
Function Symbol
Mains Switch
Remote Infra-red Beam Receiver
Headphone Socket
Standby Indicator
Programme Position up Power on
Sound Function (Bass, Treble, Balance)
Programme Position down Power on
Picture Function
Volume increase, power on function increase U-search
(Contrast, Brightness, Colour, Tuning Select)
Volume decrease, power on function decrease U-search
C B A - ◿ + - P +

Tuning in

1. Connect your aerial lead to the socket at the rear of the set and insert the mains plug into a mains socket.
2. Press the mains switch and a red light will glow. If a picture does not appear after several seconds, press the ⏻ button on the remote control.
3. Push centre of door to open.

4a. **To tune in all channels automatically**

Press the position up/down buttons to select programme position 1, then press button A repeatedly until the letters ASM appear in Screen Area A with a programme position number above it. While this display is present, press either adjacent + or − buttons to auto tune.

b. **To tune a channel in any desired programme position**

1. Press the position up/down buttons to select required programme position.
2. Press button A repeatedly until the >>> symbol appears in Screen Area A and whilst the display is present press either adjacent + or − buttons.
3. The set will tune into the first available signal. If this signal is not required press A and adjacent + or − buttons to continue search.
4. Repeat sections 1, 2 and 3 until all channels are memorised.

If during this process a >>> symbol is seen to slowly flash, tuning has stopped and the + or − buttons must be pressed again.

5. **Fine tuning may be made by pressing button A.**

While the ▮▮▮ symbol is present in Screen Area A, use the adjacent + or − buttons to optimise picture.

Sound and picture Controls

To adjust Colour ◔, Contrast ◑ and Brilliance ○

1. Press button B repeatedly until appropriate function symbol appears on the screen.
2. Adjust level by means of − ◿ + buttons while the onscreen display is present.

To adjust the Volume ◿

Press − ◿ + buttons to select required level. Function and level setting will be displayed.

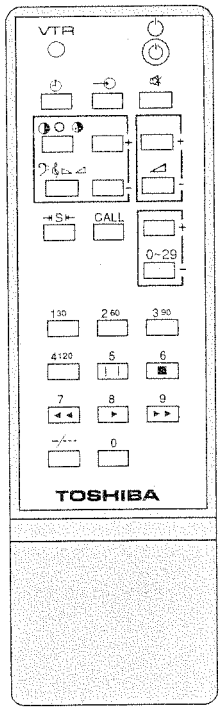
To adjust Bass 𝄢 : Treble 𝄞 and Balance ◺◿

1. Press button C until appropriate function appears on the screen.
2. Adjust level by means of − ◿ + buttons whilst the onscreen display is present.

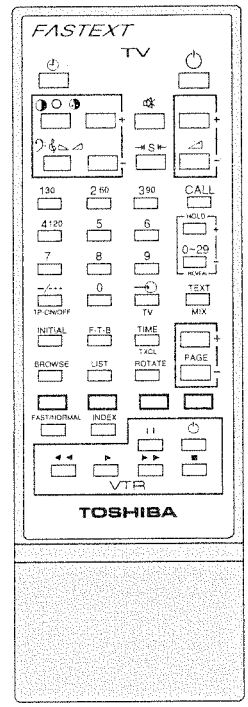
Note: This model has an automatic "No Signal switch-off" facility and will switch itself off approximately 20 minutes after the transmitter closes down.

REMOTE CONTROL OPERATION FOR NORMAL PICTURE

216R9B



216T9B



Using the controls

Operate the control by pointing it towards the Infra-red receiver on the set, using the buttons as follows:

⏻ Standby (on/off)
Use Standby to turn the set off for short periods of time.

TV/⊖ (Video mode selection)
Button selects operational mode, see page 5 for further information.

— /——, 0 . . . 9 (Programme selection)
To select programme 8, press — / —— repeatedly until — appears in Screen Area A, then press 8.
To select programme 28 press — / —— repeatedly until two —— appear in Screen Area A then press 2 followed by 8.
Note: If a programme position with no signal is selected, the screen will turn to blue after a few seconds.

0 ~ 29 + / − (Programme selection)
Hold + or − buttons to sequentially raise or lower the programme selection.
Programme number is briefly displayed.

◿ + / − (Volume adjustment)
Hold + or − buttons to raise or lower volume. Function and setting is briefly displayed.

◑, ◑, ○ and + / − (Contrast, Brilliance and colour adjustment)
Press the button ◑ ○ ◑ repeatedly until the required function appears on screen and press and hold the adjacent + or − buttons to raise or lower the setting. Function and setting is briefly displayed.

♪ 𝄞 ◺◿ Bass, Treble and Balance adjustment
Press the button ♪ 𝄞 ◺◿ repeatedly until the required function appears on the screen and press and hold the adjacent + or − buttons to raise or lower the setting. Function and setting is briefly displayed.

🔇 (Sound Mute)

◴ 30, 60, 90 and 120 (minute timer control)
To set delayed switch-off facility, press ◴ then required time buttons.
Function and selected time is now displayed.
Press ◴ again to remove display. The clock may be reset by pressing →|S|← whilst display is present. Remove display or, cancel to change channels.

Call
Press to retain channel display.

Time/TXCL (time display) 216T9B only
Press to display extremely accurate time display. Display lasts for several seconds.

→|S|← (Selectable Picture)
Operation of this button selects 3 levels of preset picture contrast adjustment to suit individual taste. Levels selected are indicated by the numbers →|1|← →|2|← or →|3|← in the function setting display.

VTR Control
Most Toshiba VTR's may also be operated by use of this remote control (your Toshiba dealer can advise). Control functions as follows:

⏻ (Standby on/off)
► (Play)
■ (Stop)
►► (Fast Wind)
◄◄ (Fast Re-wind)

} Please refer to your VTR owner's manual for further details.

VTR (VTR Selection) 216R9B only. This button must be pressed simultaneously with VTR function controls for operation of VTR functions.

VIEWING TELETEXT/FASTEXT — 216T9B

Teletext functions are selected by use of the Remote Control. Several buttons are dual function.

Basic operation

To display a page of text

1. Select a TV station for the required Teletext service (station and service name will appear on screen for several seconds after selecting a new station).
2. Press TEXT/MIX.
3. Enter the required 3 digit page number using the numbered buttons. If an error is made, complete the 3 digit sequence and start again.

To return to TV mode

Press TV/⊖

To receive a Teletext service from a different TV station

1. Press TV/⊖ to return to TV mode.
2. Select the new TV station.
3. Press TEXT/MIX.

To display the Index page

In Teletext—select page 100 (for BBC1 and IBA); page 200 (for BBC2).
In Fastext—press INDEX (see FASTEXT section for further information).

To superimpose Teletext on a TV picture

Press TEXT/MIX repeatedly to superimpose then clear.

To preprogramme initial page at switch-on

Select TV station and press TEXT/MIX and initial.
Characters in top left of screen will change to red, prefixed by a P with 3 stars.

enter required page number.

To enlarge the text display

Press FTB repeatedly to enlarge the top and bottom halves of the text and to revert to normal.

To hold a wanted page

When a page is divided into sub-pages and it is required to hold a sub-page, press HOLD. Press again to release.

To select a page whilst viewing normal picture

If whilst in the Teletext mode, TIME/TXCL is pressed, a normal picture will be displayed. A required page number can then be entered and the TV will indicate its reception by a slightly delayed appearance of the second group of numbers on the screen. Press TEXT to view.

To pre-select pages (Teletext only)

Up to 4 page numbers may be preselected for each of the programme positions 0–9.
Select a programme and press TEXT and LIST buttons. Four page numbers will appear, 1 in magenta and 3 in white. This will last for approximately 4 seconds during which time you must enter your first required page number and then press LIST. The next number will now change to magenta and you should repeat the sequence until all the numbers are entered.
Press ROTATE repeatedly to view the 4 pages.
To remove the display, press TV ⊖ and TEXT/MIX.

To browse through the available pages

Press BROWSE to randomly access pages.

To adjust Brilliance and Contrast

Press ◑ ○ ◕ and adjacent +/− buttons.

To view the next or preceding pages

Press PAGE + or PAGE −.

To reveal concealed text

Press REVEAL.
Press again to conceal.

To use the alarm

To call-off the alarm caption at a predetermined time whilst viewing a normal picture, select a TV station and press TEXT/MIX. Enter 196 on BBC 1 or 296 on BBC 2 and press TP ON/OFF.
T**** will now appear at the bottom of the screen.

Enter the required time, i.e., 0930 and press TXCL/TIME to return to normal picture. To cancel alarm, press TP ON/OFF whilst in the Teletext mode.

News Flashes

To receive news flashes whilst watching a normal picture, press TEXT and then select the news flash page.

BBC 1 and IBA	Page 150
BBC 2	Page 250

To cancel a news flash, press TIME/TXCL.

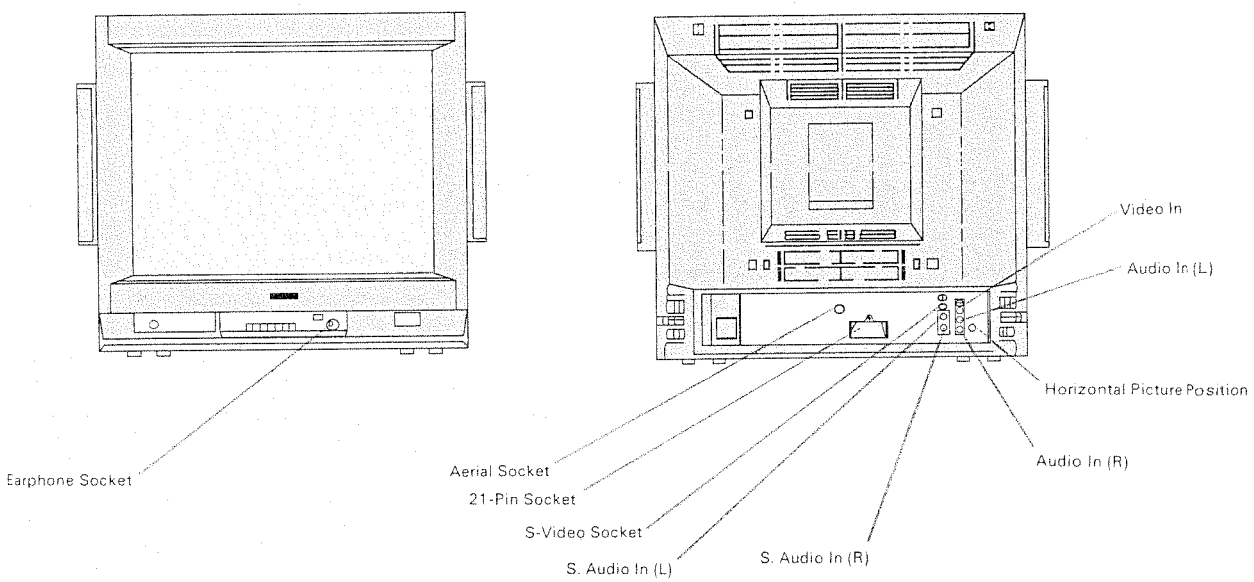
To use Fastext

Fastext is a studio linked series of pages relevant to a particular subject and can be selected by pressing FAST/NORMAL.
Four prompts will appear at the bottom of the page, coloured red, green, yellow and blue. These may be selected by use of the colour matched buttons on your control.
To revert to normal Teletext, press FAST/NORMAL.

CONNECTING OTHER EQUIPMENT

TV FRONT

TV BACK



SOCKET	SOCKET TYPE	FUNCTION	VIDEO MODE ⊕
Aerial	75 ohms Standard co-axial	Normal aerial connection or RF input from video recorder, etc.	TV
Earphone	3.5mm Jack	Output for earphone	ALL
21 Pin Euroconnector	21 Pin Euroconnector	Audio/Video direct input/output connection	Video 1
Super VHS	Special super VHS Socket	For connection of Super VHS video recorder	Video 3
Audio	Phono	Direct audio connection	Video 2
Video in	Phono	Direct video connection	Video 2

SPECIFICATIONS

Television System	PAL I, British Standard
Channel Coverage	UHF Channels 21 – 68
Picture Tube	51cm 90° deflection (approximately 21")
Sound Output	3+3 W R.M.S.
Dimensions	569.4mm wide, 481mm high and 484.1mm deep
Supplied accessories	1 × Remote Control, 2 × R6 Batteries, 1 × Stand
Weight	25kg
Teletext/Fastext	216T9B only
Power consumption	216R9B — 93W, 216T9B — 98W

A SELF-HELP GUIDE FOR SIMPLE PROBLEM SOLVING

Patches of colouration
Switch off at mains for 15 minutes

No picture or sound
Check mains switches are on
Press ⏻ and →|s|←
Plug set into a known working mains socket
Set has switched into "No Signal Off" mode

Poor or no picture
Try a different TV station
Press →|s|←
Check your aerial and connections
Adjust fine tuning

Double images/ghosting/garbled text
Check your aerial, a more directional type might be needed for your area
Adjust fine tuning

Good picture but no sound
Press ◿ +
Remove earphone plug
Press 🔇

Blue Screen
Set senses "no signal condition". Check aerial connection, switch to a transmitting signal

SOME DO'S AND DON'T'S ON THE SAFE USE OF EQUIPMENT

PLEASE READ THE FOLLOWING POINTS CAREFULLY, THEY ARE OF A GENERAL NATURE, INTENDED TO HELP YOU WITH ALL YOUR ELECTRONIC CONSUMER PRODUCTS. SOME ITEMS MAY NOT APPLY TO THE GOODS YOU HAVE JUST PURCHASED

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug when making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way – switch off, withdraw the mains plug and consult your dealer.

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off using the switch on the equipment and make sure your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T obstruct the ventilation of the equipment for example with curtains or soft furnishings. Overheating will cause damage and shorten the life of the equipment.

DON'T use makeshift stands and NEVER fix legs with wood screws – to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T allow electrical equipment to be exposed to rain or moisture.

ABOVE ALL

— NEVER let anyone, especially children, push anything into holes, slots or any other openings in the case – this could result in a fatal electric shock.

— NEVER guess or take chances with electrical equipment of any kind – it is better to be safe than sorry!

Programme Identification

You may wish to log your programme/station selection as follows:

0		10		20	
1		11		21	
2		12		22	
3		13		23	
4		14		24	
5		15		25	
6		16		26	
7		17		27	
8		18		28	
9		19		29	

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